

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-13 (canceled).

Claim 14 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks, comprising:

a base unit for setting up a subscriber terminal interface and a standard data interface;

a subscriber access adapter for connecting the base unit to a service provider for the line-switching networks and the packet-switching networks; and

a transfer method evaluation unit in the base unit which, based on a type of voice/data link identified, performs data conversion between the data on the subscriber terminal interface and the respective packet-switching network and line-switching network.

Claim 15 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein the subscriber terminal interface is an air interface and the standard data interface is a serial interface.

Claim 16 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 15, wherein the air interface is one of a DECT interface and a GSM interface standardized on the basis of ETSI, and the serial interface is one of a V.24 interface and a USB interface standardized on the basis of ITU.

Claim 17 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 15, wherein the air interface is one of a Bluetooth interface and a PHS interface.

Claim 18 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein the subscriber access adapter has one of an analog voice modem and a digital ISDN adapter.

Claim 19 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 18, wherein the subscriber access adapter has a selection unit for selecting data transfer in one of a data format and a voice format.

Claim 20 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein, for an outgoing call, the base unit actuates the subscriber access adapter and, for an incoming call, the subscriber access adapter actuates the base unit for a type of voice/data link.

Claim 21 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein the base unit produces an IP address for a required call party when a voice/data link is identified for a packet-switching network.

Claim 22 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein the data conversion in the transfer method evaluation unit for the packet-switching network includes TCP/IP data protection.

Claim 23 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein the data conversion in the transfer method evaluation unit for the packet-switching network includes a Voice-Over-IP protocol.

Claim 24 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein a standardized cordless subscriber terminal is registered on the base unit.

Claim 25 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein, when a voice/data link is identified for a line-switching network, the base unit actuates the subscriber access adapter such that the service provider connected thereto selects the line-switching network for a voice/data link.

Claim 26 (previously presented): An Internet telephone adapter for setting up voice/data links in line-switching networks and packet-switching networks as claimed in claim 14, wherein the subscriber access adapter is incorporated in the base unit.